

"Express Mail" mailing label number: EL974229577US

Date of Deposit: May 20, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Typed or Printed Name of Person Mailing Paper or Fee: Shirley Fajardo

Signature: Shirley Fajardo

PATENT  
Docket No. P1572

**IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: JENNIFER WANG  
HUA-MIN SHENG  
MIKE BARSKY

SERIAL NO.: 10/782,723

EXAMINER: UNKNOWN

FILED: FEBRUARY 18, 2004

ART UNIT: 1765

FOR: DRY ETCHING PROCESS FOR COMPOUND SEMICONDUCTORS

MAIL STOP MISSING PARTS  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

**TRANSMITTAL LETTER**

Dear Sir:

In response to the Notice to File Missing Parts of Non-Provisional Application dated May 13, 2004, enclosed herewith are the following:

1. Response to Notice to File Missing Parts of Non-Provisional Application (2 pages);
2. PTO copy of Notice to File Missing Parts of Non-Provisional Application (2 pages);
3. Copy of Declaration and Power of Attorney for Patent Application as submitted February 18, 2004 (2 pages);
4. Recordation Form Cover Sheet (1 page);

5. Copy of Assignment Agreement as submitted February 18, 2004 (2 page);
6. Fee Transmittal for FY 2004 (1 page);
7. Check No. 6657 in the amount of \$770.00 for the basic filing fee;
8. Check No. 11014 in the amount of \$130.00 for the late surcharge fee;
9. Check No. 6652 in the amount of \$40.00 for the recording fee; and
10. Post card in acknowledgment of receipt of all transmitted material.

Please date-stamp the enclosed post card and return same to the undersigned in acknowledgment of receipt of all transmitted materials.

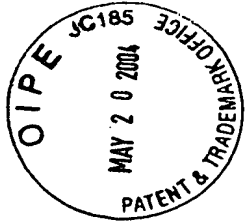
Respectfully submitted,



May Lin DeHaan  
Reg. No. 42,472

MLD/sf

Dated: May 20, 2004  
LARIVIERE, GRUBMAN & PAYNE, LLP  
P. O. Box 3140  
Monterey, CA 93942  
(831) 649-8800



EL974229577US

**LA RIVIERE, GRUBMAN & PAYNE, LLP**

P.O. BOX 3140 831-649-8800  
MONTEREY, CA 93942

**FIRST NATIONAL BANK**  
OF CENTRAL CALIFORNIA  
495 Washington Street  
Monterey, California 93942-2718

90-4071/1211

11014

**MEMO:**

One Hundred Thirty and 00/100 Dollars

TO THE  
ORDER  
OF

DIRECTOR OF THE UNITED STATES  
PATENT & TRADEMARK OFFICE  
P. O. BOX 1450  
ALEXANDRIA, VA 22313-1450

DATE  
May 18, 2004

AMOUNT  
\*\*\*\*\*\$130.00

*Robert W. Payne*

AUTHORIZED SIGNATURE

THIS DOCUMENT CONTAINS HEAT SENSITIVE INK. TOUCH OR PRESS HERE. RED IMAGE DISAPPEARS WITH HEAT.

44 009036

011014 1211407131

LA RIVIERE, GRUBMAN & PAYNE, LLP

11014

DIRECTOR OF THE UNITED STATES

Check Number: 11014

Check Date: May 18, 2004

Check Amount: \$130.00

Item to be Paid - Description

586-09 P572

Discount Taken

Amount Paid

130.00



Title: "Dry Etching Process for Compound Semiconductors"

Docket No.: P1572

Serial No.: 10/782,723

Express Mail Label Number: EL974229577US Express Mail Date In: May 20, 2004

Please acknowledge receipt of the documents described below by imprinting the Patent and Trademark Office "Date Stamp" hereon and returning to the addressee indicated on the reverse hereof.

1. Transmittal Letter (2 pages);
2. Response to Notice to file Missing Parts of Nonprovisional Application (2 pages);
3. PTO Copy of Notice to file Missing Parts (2 pages);
4. Copy of Declaration and Power of Attorney for Patent Application as submitted February 18, 2004 (2 pages);
5. Recordation Form Cover Sheet (1 page);
6. Copy of Assignment Agreement as submitted February 18, 2004 (2 pages);
7. Fee Transmittal for FY 2004 (1 page);
8. Check No. 6657 in the amount of \$770.00 for the basic filing fee;
9. Check No. 11014 in the amount of \$130.00 for late surcharge fee;
10. Check No. 6652 in the amount of \$40.00 for recording fee; and
11. Postcard in acknowledgment of all transmitted materials.

\*\*\*IMPORTANT NOTICE\*\*\*

PLEASE STAMP WITH SAME DATE AS EXPRESS MAIL "DATE IN" as shown above, per 37 CFR 1.6(a)(2)



EL 974229577 US

Mailing Label  
Label 11-F June 2002



UNITED STATES POSTAL SERVICE®

Post Office To Addressee

ORIGIN (POSTAL USE ONLY)			DELIVERY (POSTAL USE ONLY)		
PO ZIP Code	Day of Delivery <input type="checkbox"/> Next <input type="checkbox"/> Second	Flat Rate Envelope	Delivery Attempt	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Date In Mo. Day Year	<input type="checkbox"/> 12 Noon <input type="checkbox"/> 3 PM	Postage \$	Delivery Attempt	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Time In <input type="checkbox"/> AM <input type="checkbox"/> PM	Military <input type="checkbox"/> 2nd Day <input type="checkbox"/> 3rd Day	Return Receipt Fee	Delivery Date	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Weight lbs. ozs.	Int'l Alpha Country Code	COD Fee Insurance Fee	<input type="checkbox"/> <b>WAIVER OF SIGNATURE (Domestic Only)</b> Additional merchandise insurance is void if waiver of signature is requested. I wish delivery to be made without obtaining signature of addressee or addressee's agent (if delivery employee judges that article can be left in secure location) and I authorize that delivery employee's signature constitutes valid proof of delivery.		
No Delivery <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday	Acceptance Clerk Initials	Total Postage & Fees \$	<input type="checkbox"/> <b>NO DELIVERY</b> <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday Customer Signature		
<b>CUSTOMER USE ONLY</b> METHOD OF PAYMENT: Express Mail Corporate Acct. No. <b>X939055</b>			Federal Agency Acct. No. or Postal Service Acct. No.		
<b>FROM: (PLEASE PRINT)</b> LA RIVIERE GRUBMAN & PAYNE LLP 19 UPPER RAGSDALE DR STE 200 BLDG 1 MONTEREY CA 93940-5741 P1572 (586-09) 10/782,723 Missing parts RECEIVED MLD/sf			<b>TO: (PLEASE PRINT)</b> MAIL STOP MISSING PARTS COMMISSIONER FOR PATENTS PO BOX 1450 ALEXANDRIA, VA 22313-1450		

PRESS HARD.

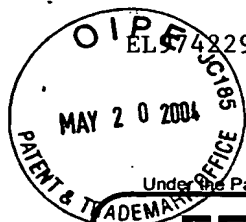
You are making 3 copies.

FOR PICKUP OR TRACKING CALL 1-800-222-1811 www.usps.com



130/ 200

F:J2 T:



EL 74829577US

MAY 20 2004

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 940.00

**Complete if Known**

Application Number	10/782,723
Filing Date	February 18, 2004
First Named Inventor	Jennifer Wang
Examiner Name	Unassigned
Art Unit	1765
Attorney Docket No.	P1572

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	770.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$ 770.00)</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
20	-20** = 0	x 0	= 0.00
3	-3** = 0	x 0	= 0.00
Multiple Dependent	0	= 0.00	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$ 0.00

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	130.00
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40.00
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ 170.00**SUBMITTED BY**

Name (Print/Type)

May Lin DeHaan

Registration No.  
(Attorney/Agent)

42,472

(Complete (if applicable))

Telephone 831-649-8800

Signature

May Lin DeHaan

Date

5/20/04

**WARNING** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.